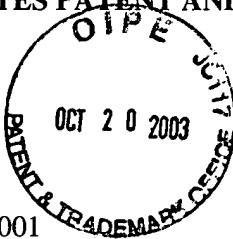


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Altman, et al.
SERIAL NUMBER: 10/008,924 EXAMINER:
FILING DATE: November 16, 2001 ART UNIT: 1651
FOR: MATRIX FOR PRODUCTION OF TISSUE ENGINEERED LIGAMENTS, TENDONS
AND OTHER TISSUE



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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311. The fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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APPLICANTS: Altman, et al.
U.S.S.N.: 10/008,924

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 19471-502.

Respectfully submitted,



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Date: October 20, 2003

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 Date of Deposit: October 20, 2003

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 Attorney Docket No.: 19471-502

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Modified Form 1449/PTO		Application Number	10/008,924
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	November 16, 2001
		First Named Inventor	Altman
		Group Art Unit	1651
		Examiner Name	David M. Naff
		Attorney Docket Number	19471-502

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	848,605	March 26, 1907	Peter Schmid			
	A2	1,709,662	Apr. 16, 1929	George Holland Ellis			
	A3	1,815,279	July 21, 1031	J. Takamine, Jr.			
	A4	1,828,736	Oct. 27, 1931	Norman D. Harvey			
	A5	1,896,494	Feb. 7, 1933	Myers, et al.			
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	A12	5,951,506	Sep. 14, 1999	Tsubouchi	602	48	
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	A14	6,440,740 B1	Aug. 27, 2002	Tsubouchi, et al.	435	402	

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GROUP 3600**U.S. PUBLISHED APPLICATION DOCUMENTS**

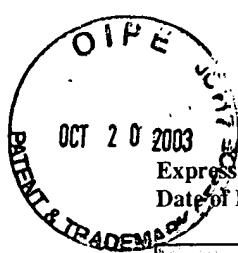
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office	Document Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1	WO	02/29141 A1	CONSORZIO PER GLI STUDI UNIVERSITARI	04/11/02	
	B2	EP	1 241 178 A1	NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES & KOWA CO., LTD	09/18/02	

OTHER PRIOR ART – NON-PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Gosline, et al., 'The Mechanical Design of Spider Silks: from Fibroin Sequence to Mechanical Function', <i>The Journal of Experimental Biology</i> , 202:3295-3303 (1999).



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Date of Deposit: October 20, 2003Page 2 of 2
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C2	Hinman, et al., "Synthetic Spider Silk: A Modular Fiber", <i>TIBTECH</i> , 18:374-379 (2000).
	C3	Yong-woo Lee, SILK REELING AND TESTING MANUAL, FAO Agricultural Services Bulletin No. 136, Food and Agriculture Organization of the United Nations, Rome (1999), available at: http://www.fao.org/docrep/x2099e00.htm .
	C4	Xu, et al., Structure of a Protein Superfiber: Spider Dragline Silk", <i>Proc. Natl. Acad. Sci. USA</i> , 87:7120-7124 (1990).
	C5	Zhao, et al., "Structural Characterization and Artificial Fiber Formation of Bombyx mori Silk Fibroin in Hexafluoro-Iso-Propanol Solvent System", <i>Biopolymers</i> , 69:253-259 (2003).

A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	RECEIVED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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